

Message Text

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PAGE 01 VIENNA 10233 251836Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 IO-13 ACDA-12 CIAE-00 INR-07
L-03 NSAE-00 NSC-05 EB-08 NRC-05 DODE-00 SS-15
SP-02 FEA-01 /091 W
-----109216 260317Z /70

R 251632Z NOV 77
FM AMEMBASSY VIENNA
TO SECSTATE WASHDC 4229
INFO USDOE HQ WASHDC
USDOE HQ GERMANTOWN
AMEMBASSY BRUSSELS
AMEMBASSY PARIS

C O N F I D E N T I A L VIENNA 10233

USIAEA

USEEC

DEPT PASS IO/SCT

EO 11652: GDS
TAGS: IAEA, PARM, TECH
SUBJ: IAEA SAFEGUARDS AND THE LA HAGUE REPROCESSING PLANT
REF: MCFADDEN/MAHY TELEX 041300Z OCT 77

1. IAEA HAS NOT RPT NOT APPLIED SAFEGUARDS AT LA HAGUE
REPROCESSING PLANT. TRANSLATION FROM FRENCH OF TEXT OF
GOLDSCHMIDT'S XXI IAEA GENERAL CONFERENCE SPEECH
INDICATES THAT GOF HAS ACCEPTED IN PRINCIPLE (RPT IN
PRINCIPLE) THE IDEA OF IAEA SAFEGUARDS ON ITS TERRITORY.
TEXT GOES ON TO SAY THAT GOF AND IAEA WERE CURRENTLY
DISCUSSING SAFEGUARDS PROCEDURES IAEA MIGHT APPLY AT THE
PLANT AND THAT EURATOM WOULD ALSO BE BROUGHT INTO THE
PICTURE SHORTLY.

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2. ACCORDING TO KNOWLEDGEABLE IAEA SECRETARIAT
SOURCE, IAEA INVOLVEMENT WAS INITIATED IN LIGHT OF
ANTICIPATED REPROCESSING OF SPENT FUEL FROM POWER
REACTORS IN JAPAN UNDER FRENCH-JAPANESE-IAEA TRILATERAL
AGREEMENT (INFCIRC/171). IAEA STAFF VISITED LA HAGUE
IN LATE JUNE 1977 TO REVIEW TECHNICAL ASPECTS OF
APPLYING IAEA SAFEGUARDS TO THE PLANT. SEVERAL

DIFFICULTIES WERE FOUND: A) THERE IS NO RPT NO PROVISION FOR MEASURING VOLUME OF INPUT DISSOLVER SOLUTION. PLANT OPERATOR ACCEPTS TOTAL URANIUM VALUES CLAIMED BY REACTOR OPERATOR/FUEL FABRICATOR AS URANIUM INPUT TO PLANT. B) OPERATOR DETERMINES U TO PU RATIO OF DISSOLVER SOLUTION IN HOT CELLS CONTIGUOUS TO THE HOT PROCESSING AREA AND THERE IS NO RPT NO PROVISION FOR DISSOLVER SOLUTION SAMPLES TO BE REMOVED FROM THE PLANT FOR INDEPENDENT ANALYSIS OF PU AND U CONTENT. C) PLANT IS DESIGNED FOR CONTINUOUS OPERATION AND CLEANOUT BETWEEN BATCHES OF SAFEGUARDED AND NON-SAFEGUARDED FUEL WILL NOT RPT NOT BE MADE. D) HIGH ACTIVITY WASTE STREAMS WOULD BE DIFFICULT IF NOT IMPOSSIBLE TO VERIFY DUE TO INACCESSIBILITY FOR SAMPLING PURPOSES. E) DUE TO FOREGOING, MEANINGFUL MUF DETERMINATION WOULD NOT RPT NOT BE POSSIBLE.

3. PLANT WAS EVIDENTLY NOT DESIGNED WITH IDEA OF EXTERNAL INDEPENDENT SAFEGUARDS BEING APPLIED. IAEA HAS NOT RPT NOT YET DEFINED A SAFEGUARDS APPROACH TO THE LA HAGUE PLANT.

4. EURATOM'S APPROACH IS NOT KNOWN TO THE AGENCY.

5. PLANT OPERATOR EXPECTS TO BE PROCESSING SPENT FUEL FROM POWER REACTORS IN SWEDEN, GERMANY, SWITZERLAND AND OTHER COUNTRIES, SOME OF WHICH ARE EXPECTED TO BE OF U.S. ORIGIN. . IN THIS CONNECTION, OCTOBER 6, 1977,
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"NUCLEONICS WEEK" ARTICLE ON PAGE 12 IS OF INTEREST.)STONE

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NUCLEAR SAFEGUARDS, NUCLEAR POWER PLANTS
Control Number: n/a
Copy: SINGLE
Sent Date: 25-Nov-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977VIENNA10233
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
Film Number: D770438-0518
Format: TEL
From: VIENNA USIAEA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19771117/aaaaaoln.tel
Line Count: 96
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 488f5211-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 24-Nov-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 445669
Secure: OPEN
Status: NATIVE
Subject: IAEA SAFEGUARDS AND THE LA HAGUE REPROCESSING PLANT
TAGS: PARM, TECH, AU, IAEA
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/488f5211-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009